

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000761

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/11 C12N9/02 A61K31/7088

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, FSTA, Sequence Search, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | US 6 121 000 A (WRIGHT JIM A ET AL) 19 September 2000 (2000-09-19) the whole documents, in particular all parts relating to AS-I-618-20 (SEQ ID NO:176), Examples 7-13, claims ----- | 1-56 |
| A | US 5 998 383 A (WRIGHT JIM A ET AL) 7 December 1999 (1999-12-07) ----- | |
| A | FAN H ET AL: "THE R1 COMPONENT OF MAMMALIAN RIBONUCLEOTIDE REDUCTASE HAS MALIGNANCY-SUPPRESSING ACTIVITY AS DEMONSTRATED BY GENE TRANSFER EXPERIMENTS" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 94, 1 November 1997 (1997-11-01), pages 13181-13186, XP002070840 ISSN: 0027-8424 ----- | |

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

8 September 2004

Date of mailing of the international search report

30/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bassias, I

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000761

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| US 6121000 | A | 19-09-2000 | AU 2529200 A | 29-08-2000 |
| | | | BR 0008788 A | 06-11-2001 |
| | | | WO 0047733 A1 | 17-08-2000 |
| | | | CA 2366487 A1 | 17-08-2000 |
| | | | CN 1345373 T | 17-04-2002 |
| | | | EP 1153128 A1 | 14-11-2001 |
| | | | JP 2003500006 T | 07-01-2003 |
| | | | NZ 514090 A | 28-09-2001 |
| US 5998383 | A | 07-12-1999 | US 6593305 B1 | 15-07-2003 |
| | | | US 2004009948 A1 | 15-01-2004 |
| | | | AU 738592 B2 | 20-09-2001 |
| | | | AU 3617597 A | 25-02-1998 |
| | | | CA 2262776 A1 | 12-02-1998 |
| | | | WO 9805769 A2 | 12-02-1998 |
| | | | CN 1231694 A | 13-10-1999 |
| | | | EP 0917569 A2 | 26-05-1999 |
| | | | JP 2000517167 T | 26-12-2000 |
| | | | NZ 333802 A | 28-09-2001 |